



Shaw Contract Group Australia Coretec LVT

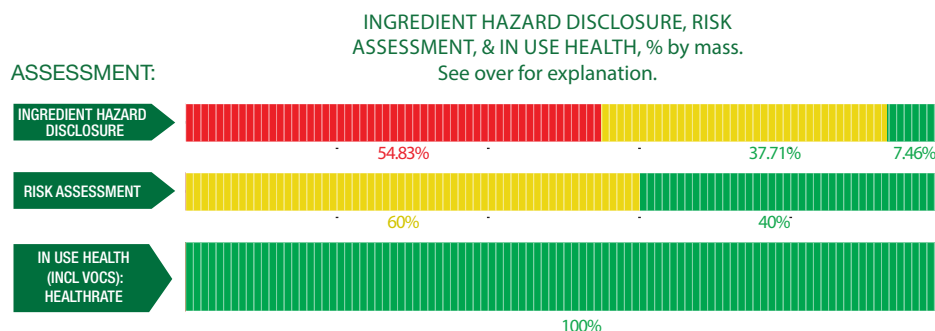
Coretec LVT is a hybrid multi-layered residential and commercial resilient flooring plank. Coretec features a high density SPC core, commercial wear layer protected with Exoguard topcoat to maximise durability and minimise maintenance. Several designs incorporate embossed in register designs to closely recreate natural wood grain beauty. Coretec planks include an inbuilt acoustic pad to reduce impact noise between floors. Coretec can be installed as a floating floor or glued into place and features an integrated click mechanism. Coretec is waterproof and suitable for wet areas such as laundries, kitchens and bathrooms.

Products/Ranges:	Coretec LVT
Product Stages Assessed:	Material inputs, Manufacturing, in-use
Product Type:	Resilient Flooring
CSI Masterformat:	TBC
Licensed Site/s:	Jiangsu China
Licence Number:	SHI:SP01:2022:PH
Licence Date:	28th July 2022
Valid To:	28th July 2023
Standard:	GGT International v4.0
Screening Date:	2nd June 2022
PHD URL:	https://www.globalgreentag.com/get-file/13102/phd.pdf



PHD Summary	Inventory Threshold:	Inventory Method:
Percentage Assessed: 100%	100ppm Product Level	Nested Materials

- GreenTag Banned List Compliant.
- Product Meets Optimisation requirements - No Grey or Red Light category ingredient.
- Meets Green Star Buildings v1.0 Credit 9: Responsible Finishes (Best Practice Products), Green Star Design & As Built v1.3 Credit 13 Indoor Pollutant, Green Star Interiors v1.3 Credit 12: Indoor Pollutant.
- Meets WELL™ v1.0 Features 97: Material Transparency, Feature 4: VOC Reduction and, WELL™ v2.0 Features – X07: Material Transparency, X08: Material Optimisation, X06: VOC Restrictions.
- Meets USGBC LEED® v4.0 and v4.1 Rating System MR Credit: “Building Product Disclosure and Optimisation - Material Ingredients” - Option 1: Material Ingredient Reporting and Option 2 - International ACP - REACH Optimisation.
- No worker, user, and environmental exposure to Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors.



Declared by:
Global GreenTag
International Pty Ltd

David Baggs
CEO & Program Director
Verified compliant with:
ISO 14024 & ISO 17065

1.0 Scope

The Global GreenTag International (GGT) Product Health Declaration (PHD) has been designed to provide an additional level of service to the green product sector in facilitating an easier understanding of both the hazard and risk associated with any certified products and is intended to indicate:

- Chemical hazards of both finished product and unique ingredients to a minimum level of 100ppm for final product throughout the product life cycle, (including any VOC or other gaseous emissions);
- An assessment of exposure or risk associated with ingredient handling, product use, and disposal in relation to established mitigation and management processes;

It is not intended to assess:

- i. substances used or created during the manufacturing process unless they remain in the final product; or
- ii. substances created after the product is delivered for end use (e.g., if the product unusually degrades, combusts or otherwise changes chemical composition).

GGT PHDs are only issued to products that have passed GGT Standards' certification requirements. The Level of Assessment (BronzeHEALTH, SilverHEALTH GoldHEALTH or PlatinumHEALTH) rating relates ONLY to GGT Standard Sustainability Assessment Criteria 3, and is declared separately to the overall Bronze, Silver Gold or Platinum Green Tag Certification Mark Tier Levels.

1.2 Preparing an PHD

GGT PHDs are prepared using Hazard Classifications from the UN Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and as an outcome of a successful Application for Certification. Assessments are undertaken by GGT Qualified Exemplar Global Lead Auditors and subsequently accepted for Certification by the GGT Program Director (also a Qualified Exemplar Global Lead Auditor) under the GGT International Standard v4.0, Personal Products Standard v1.0/1.1, and Cleaning Products Standard v1.1/1.2 and above Program Rules.

1.3 External Peer Review

Every GGT PHD is independently peer reviewed by an external Consultant Toxicologist and Member of the Australian College of Toxicology & Risk Assessment.

2.0 Declaration of Ingredients

Where a manufacturer wishes recognition under a rating program that requires transparency of ingredients such as LEED v4.0 & v4.1, WELL v1 & v2, Living Building Challenge, Estidama etc., the following information is declared from audit:

Colour	Ingredient Name
Green	Ideal- Low No concerns- ingredient safe at any level based on current known science, % of the ingredient, and relevance to use context'
Yellow	Medium to Low Hazardous Ingredient with minor level of "Issue of Concern" depending on % of the ingredient, hazard level, and relevance to use context'
Orange	Moderate Hazardous ingredient with "Issue of Concern" or "Issue of Concern Minimised" depending on % of the ingredient, hazard level, and relevance to use context'
Red	Problematic (Red): Target for Phase Hazardous ingredient with 'Red Light" or "Red Light Minimised" concern depending on % of the ingredient, hazard level, and relevance to use context'
Dark Red	Very Problematic (Dark Red): Target for Phase Very Hazardous ingredient with 'Red Light Exclusion" concern depending on % of the ingredient, hazard level, and relevance to use context'
Grey	Uncategorised Not able to be categorised due to lack of toxicity impact information.
Black	Banned Ingredients Petroleum, Parabens plus a wide range of compounds stipulated by cleaning/personal products standards.

Global GreenTag International Pty Ltd (Global GreenTag) is not a medical professional organisation. Global GreenTag does not purport to provide medical advice, and makes no warranty, representation, or guarantee regarding the declaration that it provides in relation to any allergies, chemical sensitivities or any other medical condition, nor does Global GreenTag assume any liability whatsoever arising out of the application or use of any product or piece of equipment that has been chemically assessed by Global GreenTag.

The chemical assessments carried out provide transparent information peer reviewed by a consultant toxicologist regarding the chemical make-up and ingredients of certain materials and products, but such assessments are not to be taken as any form of medical assessment or health advice and are not targeted towards providing specific solutions to allergenic conditions or any other type of medical concerns.

Users must carry out their own investigations if they are concerned about specific medical conditions and the impact of certain products or ingredients in relation to specific medical concerns.

Global GreenTag takes no responsibility and is not liable in any way with respect to any medical or health issues arising from a person's use of materials or products that have been chemically assessed by Global GreenTag. Global GreenTag shall not be liable for any direct, indirect, punitive, incidental, special or consequential damages to property or life whatsoever, arising out of or connected with the use or misuse of any materials or products that have been assessed by Global GreenTag.

Ingredient Name	CAS Number OR Function	Proportion in finished product	GHS, IARC & Endocrine Category	REACH Compliance	Ingredient Assessment	Whole Of Life Assessment	In Use Health Assessment	Comment
UV Coating								
Aromatic type Thermo-plastic Polyurethane Resin	9009-54-5	<0.1%	None	OK				Recycled Content: None Nanomaterials: No
Oxybis(methyl-2,1-ethanediyl) diacrylate	57472-68-1	<0.1%	H315(Skin Irrit. 2) H317(Skin Sens. 1) H318(Eye Dam. 1)	OK				Recycled Content: None Nanomaterials: No
(1-methyl-1,2-ethanediyl)bis[oxy(methyl-2,1-ethanediyl)] diacrylate	42978-66-5	<0.1%	H319(Eye Irrit. 2) H315(Skin Irrit. 2) H317(Skin Sens. 1) H335(STOT SE 3) H411(Aquatic Chronic 2)	OK				Recycled Content: None Nanomaterials: No
2-hydroxyethyl methacrylate	868-77-9	<0.1%	H319(Eye Irrit. 2) H315(Skin Irrit. 2) H317(Skin Sens. 1)	OK				Recycled Content: None Nanomaterials: No
2-hydroxy-4'-hydroxyethoxy-2-methylpropionophenone	106797-53-9	<0.1%	None	OK				Recycled Content: None Nanomaterials: No
Pentaerythritol tetraacrylate	4986-89-4	<0.1%	H319(Eye Irrit. 2) H315(Skin Irrit. 2) H317(Skin Sens. 1)	OK				Recycled Content: None Nanomaterials: No
2-(2-ethoxyethoxy)ethyl acrylate	7328-17-8	<0.1%	H319(Eye Irrit. 2) H315(Skin Irrit. 2) H302(Acute Tox. 4) H312(Acute Tox. 4) H317(Skin Sens. 1) H411(Aquatic Chronic 2) H311(Acute Tox. 3)	OK				Recycled Content: None Nanomaterials: No
Silicon dioxide	112926-00-8	<0.1%	None	OK				Recycled Content: None Nanomaterials: No
PVC Resin								
PVC	9002-86-2	30-40%	H319(Eye Irrit. 2) H315(Skin Irrit. 2) H335(STOT SE 3)	OK				Recycled Content: None Nanomaterials: No
Diocetyl terephthalate	6422-86-2	1-5%	None	OK				Recycled Content: None Nanomaterials: No
Calcium carbonate	471-34-1	50-60%	H315(Skin Irrit. 2) H318(Eye Dam. 1) H335(STOT SE 3)	OK				This substance causes serious eye damage, causes skin irritation and may cause respiratory irritation. However, the substance is embedded in the product during manufacturing process. Manufacture has OHS and EMS in place.
PVC Film								
PVC	9002-86-2	0-1%	H319(Eye Irrit. 2) H315(Skin Irrit. 2) H335(STOT SE 3)	OK				Recycled Content: None Nanomaterials: No
Vinyl chloride copolymer resin	9003-22-9	<0.01%	None	OK				Recycled Content: None Nanomaterials: No
Organic pigments	5567-15-7	<0.02%	None	OK				Recycled Content: None Nanomaterials: No
Organic solvent mixing	123-86-4	<0.01%	H226(Flam. Liq. 3) H336(STOT SE 3)	OK				Recycled Content: None Nanomaterials: No
Calcium zinc stabilizer								
Zinc stearate	557-05-1	0-1%	None	OK				Recycled Content: None Nanomaterials: No
Calcium stearate	1592-23-0	0-1%	None	OK				Recycled Content: None Nanomaterials: No
Oxidized polyethylene wax	110119-84-1	0-1%	None	OK				Recycled Content: None Nanomaterials: No
Aluminosilicates	1318-02-1	0-1%	None	OK				Recycled Content: None Nanomaterials: No

Hydrotalcite	12304-65-3	0-1%	None	OK				Recycled Content: None Nanomaterials: No
Saturated fatty alcohol dicarboxylic acid lipids	26730-92-7	1-5%	None	OK				Recycled Content: None Nanomaterials: No
Polyethylene Wax	9002-88-4	0-1%	None	OK				Recycled Content: None Nanomaterials: No
Hot melt Adhesive								
Polyester polyether polyol	32472-85-8	0-1%	H319(Eye Irrit. 2) H315(Skin Irrit. 2)	OK				Recycled Content: None Nanomaterials: No
Polyether polyols	29860-47-7	0-1%	None	OK				Recycled Content: None Nanomaterials: No
MDI	101-68-8	<0.01%	H334(Resp. Sens. 1) H319(Eye Irrit. 2) H351(Carc. 2) H315(Skin Irrit. 2) H317(Skin Sens. 1) H332(Acute Tox. 4) H373(STOT RE 2) H335(STOT SE 3)	OK				Recycled Content: None Nanomaterials: No
Rosin	8050-9-7	0-0.1%	None	OK				Recycled Content: None Nanomaterials: No
Antioxidant	3806-34-6	<0.01%	H413(Aquatic Chronic 4)	OK				Recycled Content: None Nanomaterials: No
Silane coupler	2530-85-0	0-0.1%	None	OK				Recycled Content: None Nanomaterials: No
Leveling agent	25722-45-6	<0.01%	None	OK				Recycled Content: None Nanomaterials: No
Thermoplastic resin	68131-77-1	0-0.1%		OK				Recycled Content: None Nanomaterials: No
Cork								
Cork	61789-98-8	1-5%	H228(Flam. Sol. 2)	OK				Recycled Content: None Nanomaterials: No
Polyurethane polymer	9009-54-5	1-5%	None	OK				Recycled Content: None Nanomaterials: No
Declaration	Processing aid for rigid PVC	1-5%	None	OK				Recycled Content: None Nanomaterials: No

Comments:

VOC conents: Measured concentration of TVOC within the benchmark limit less than 0.5mg/m3. Conforms to the CDPH/EHLB Standard Method v1.2-2017. The test was done by SCS Global Services in 2021.